

# 2.3 Typical SEAMCAT workflow

When using SEAMCAT for a compatibility analysis, a typical workflow would be as follows:

1. Create or update a simulation workspace;
2. Set the simulation control parameters (number of events, debug mode or not);
3. Run a simulation;
4. Analyse the event generation results, modify the input scenario if necessary and re-run the event generation;
5. Perform one or more interference calculation runs;
6. Generate a simulation report.



**Figure 21: Typical work flow when using SEAMCAT**

In addition to these basic steps further ones may be useful for different purposes:

- Save workspace as an XML compliant file for later (repeated) work or for sharing with other users;
- Create or update elements in the equipment library for repeatedly used equipment types;
- Import a library;
- Use of batch job, to serialise your work;
- Share your workspace with others;
- Use of an Event Processing Plugin for advanced scenario specific calculations.

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